RELEVANT AND READY

LANDPOWER IN SERVICE TO THE NATION

UNITED STATES ARMY • PROGRAM OBJECTIVE MEMORANDUM FY08-13

Mapping Army Capabilities to JCAs

15 MAR 06

Joint Capability Assessment (JCA) Background

- SECDEF Memo (6 May 05)- JCAs were results of Operational Availability (OA) 05 study and are encouraged to be used as 'appropriate' in OSD activities
  - Specific tasks given to OSD(P), OSD (AT&L), OSD PAE, and CJCS to begin using JCA construct in DPS development, acquisition activities, applying to budget and programming databases and as a common lexicon across the JCIDS, JOC/JIC/JFC and COCOM's IPL assessments.
- Tier 1 Capability -- A collection of similar capabilities grouped at a high level in order to support decision-making, capability delegation, and analysis.
- Tier 2 Capability -- A functional or operational capability with sufficient detail to support CJTF-level operations/missions, or joint force generation/management activities. Tier 2 JCAs scope, bound, clarify, and better define the intended mission set of their Tier 1 JCAs. They prevent duplication between Tier 1 JCAs, and are not Service or platform specific.
- HQDA G3/5/7 SSP and CI have been involved from the beginning and have coordinated across HQDA Staff and TRADOC.

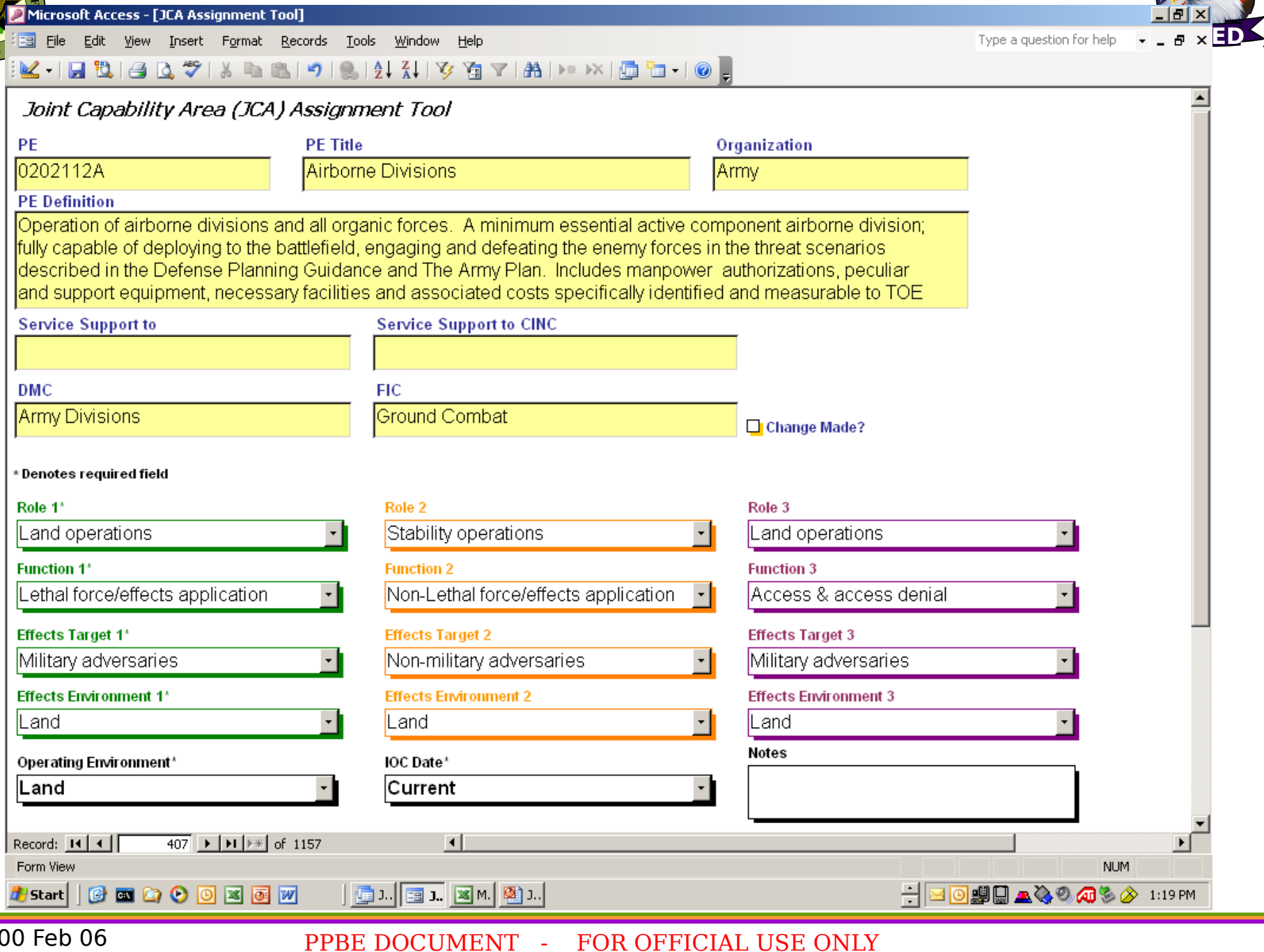
G3/5/7

Allocation Rules

- Army capabilities (G3)
  - Mapped more than once
  - Each mapped in its entirety and not split into parts
  - Not all capabilities successfully mapped to JCAs
    - Provide morale, welfare, recreation, and Army community activities
    - Provide quality of life for Soldiers and their families
- OSDPEs mapped by service in JCA assessment tool
  - Army mapped 296 PEs
  - Upper bound of 5 roles/functions
  - JCAs were either considered in Role category (e.g. Land Operations, Air Operations, Joint Shaping) or in Function category (e.g. C2, NetCentric)

Mapping MDEP to JCAs

peg	mdep	mdep_desc	ape	ape_desc	osdpe	osdpe_desc	Role1ID	Role 1	Role2ID	Role 2	Role3ID	Role 3	Role4ID	Role5ID
FE	AR1R	RESERVE COMPONENT EQUIPMENT MODERNIZATION	121018000	Combat Development Activities	0202218A	FORCE READINESS SUPPORT ACTIVITIES	1	Operational force-wide support	1	Operational force-wide support	1	Operational force-wide support		
FE	AR1R	RESERVE COMPONENT EQUIPMENT MODERNIZATION	2L3150000	NET-DET Pay & Allowance Enl	0522125A	Separate Combat Units	11	Homeland defense	4	Land operations	12	Stability operations	14	
FE	AR1R	RESERVE COMPONENT EQUIPMENT MODERNIZATION	2L3250000	NET-DET Travel & Per Diem Enl	0522125A	Separate Combat Units	11	Homeland defense	4	Land operations	12	Stability operations	14	
FE	AR1R	RESERVE COMPONENT EQUIPMENT MODERNIZATION	2L3800000	Operational Training - Retired Pay	0522534A	Corps Military Intelligence	4	Land operations	12	Stability operations				
FE	F3RC	TRAMO	135197000	OTHER ADDITIONAL ACTIVITI	0201195A	Other additional activities	4	Land operations						
FE	FASP	ARMY SPACE/MISSILE DEFENSE CMD	432142000	Satellite Communications Ground	0303142A	SATCOM Ground Environment (SPACE)	1	Operational force-wide support						
FE	FASP	ARMY SPACE/MISSILE DEFENSE CMD	432169000	Army Space Activities	0305169A	U.S. Army Space Activities	7	Space operations						


Microsoft Access - [JCA Assignment Tool]
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Joint Capability Area (JCA) Assignment Tool
PE
0202112A
PE Title
Airborne Divisions
Organization
Army
PE Definition
Operation of airborne divisions and all organic forces. A minimum essential active component airborne division; fully capable of deploying to the battlefield, engaging and defeating the enemy forces in the threat scenarios described in the Defense Planning Guidance and The Army Plan. Includes manpower authorizations, peculiar and support equipment, necessary facilities and associated costs specifically identified and measurable to TOE
Service Support to
Service Support to CINC
DMC
Army Divisions
FIC
Ground Combat
Change Made?
* Denotes required field
Role 1*
Land operations
Role 2
Stability operations
Role 3
Land operations
Function 1*
Lethal force/effects application
Function 2
Non-Lethal force/effects application
Function 3
Access & access denial
Effects Target 1*
Military adversaries
Effects Target 2
Non-military adversaries
Effects Target 3
Military adversaries
Effects Environment 1*
Land
Effects Environment 2
Land
Effects Environment 3
Land
Operating Environment*
Land
IOC Date*
Current
Notes
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Preliminary "Forces" Categories and Values

Role
Operational Force-wide support
Air operations
Defense Support of Civil Authorities
Homeland defense
Land operations
Maritime/littoral operations
Shaping
Space operations
Special Operations and Irregular Operations
Stability operations
Global deterrence
Other

Primary Operating Environment
Multiple Environments
Air
Air (Sea based)
Land
Sea
Space

Function
Access & access denial operations
Battlespace awareness
Civil affairs
Command and control
Force/effects application
- Lethal
- Non-lethal

Force generation
Force management
Information operations
Interagency/IGO/NGO coordination
Logistics – Deployment/distribution
Logistics – Force health protection
Logistics – Mgmt/information fusion
Logistics – Multinational
Logistics – Operational Engineering
Logistics – Sustainment
Logistics- Theater Logistics
Net-Centric Operations
Public affairs
Protection
Force Resource Adjustment
Other

Effects Target
Multiple Effects Targets
U.S./Coalition military forces and capabilities
Adversary military forces and capabilities
Non-military adversaries/capabilities
Emerging threats and technologies
WMD and WMD capabilities
General populations
Other

Effects Environment
Multiple Environments
Air
Cyberspace
Land
Sea
Space

Capability Date
Current
Future

- Joint Capability Area

Each Program Element can have five sets of roles, functions, effects targets/environments, and effectiveness values

Example- Program Element with a Single Set of Values

Program Element- North Atlantic Defense System

Category	Value
Role	Homeland Defense
Function	Battlespace Awareness
Effects Target	Military Adversaries
Effects Environment	Air
Operating Environment	Land
Initial Operational Capability Date	Current

Example- Program Element with Multiple Sets of Values- Different Roles and Functions

Program Element(0604827A): Soldier Systems – Warrior Dem/Va

Category	Value Set 1	Value Set 2	Value Set 3	Value Set 4
Role	Land Operations	Stability Operations		
Function	Force generation	Force generation		
Effects Target	US/Coalition military forces/capability enhancements	US/Coalition military forces/capability enhancements		
Effects Environment	Land	Land		
Operating Environment	Land			
Initial Operational Capability Date	Future			

These are the same across all Value Sets

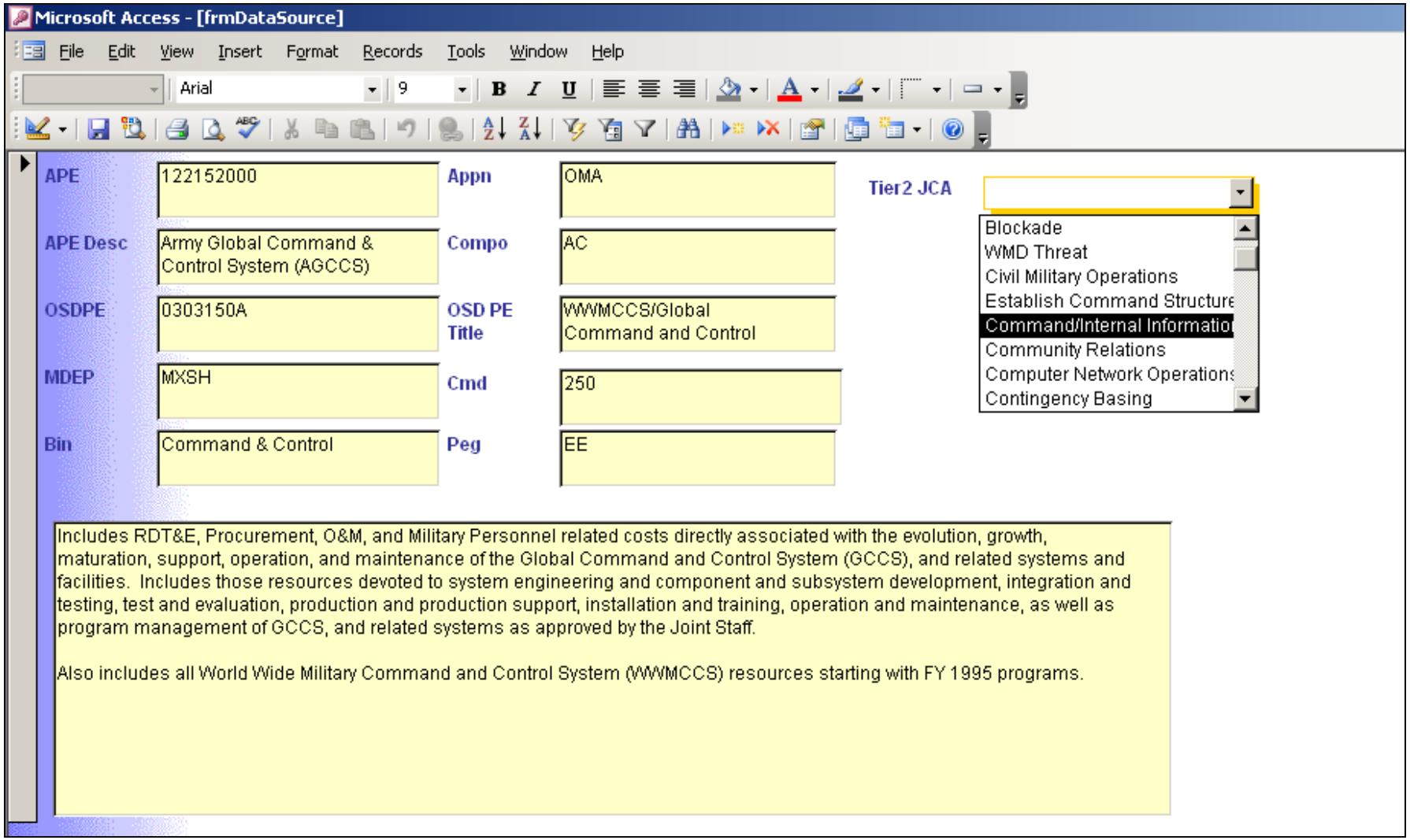
Example- Program Element with Multiple Sets of Values- Different Effects Environment

Program Element (0604220A): Armed, Deployable OH-58D

Category	Value Set 1	Value Set 2	Value Set 3
Role	Land Operations	Air Operations	
Function	Force generation	Force generation	
Effects Target	US/Coalition military forces/capability enhancements	US/Coalition military forces/capability enhancements	
Effects Environment	Air	Land	
Operating Environment	Air		
Initial Operational Capability Date	Future		

Shows the Air-to-Air and Air-to-Ground capabilities within the same "role"

Army JCA Assignment Tool Preliminary Layout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Arial 9
APE
122152000
Appn
OMA
Tier2 JCA
APE Desc
Army Global Command & Control System (AGCCS)
Compo
AC
OSDPE
0303150A
OSD PE Title
WWMCCS/Global Command and Control
MDEP
MXSH
Cmd
250
Bin
Command & Control
Peg
EE
Blockade
WMD Threat
Civil Military Operations
Establish Command Structure
Command/Internal Informatio
Community Relations
Computer Network Operations
Contingency Basing
Includes RDT&E, Procurement, O&M, and Military Personnel related costs directly associated with the evolution, growth, maturation, support, operation, and maintenance of the Global Command and Control System (GCCS), and related systems and facilities. Includes those resources devoted to system engineering and component and subsystem development, integration and testing, test and evaluation, production and production support, installation and training, operation and maintenance, as well as program management of GCCS, and related systems as approved by the Joint Staff.
Also includes all World Wide Military Command and Control System (WWMCCS) resources starting with FY 1995 programs.

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JCA Mapping Next Steps

- Complete Assignment Tool Development
  - NLT March 10
    - Includes time for testing and feedback
- Load, MDEP, Army Capabilities, and Strategic Objectives mappings to Tier 1 JCA Mappings.
  - Review data for inconsistencies and make corrections
  - JCA Assignment Tool currently using FY ’07 PB Lock data
  - Produce funding profiles for JCA mappings
- MAP MDEP to Tier 2 JCAs
  - Provide greater fidelity to analytic framework
  - Tool will limit Tier 2 assignment to JCA Taxonomy

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Issues

- Issues
  - JCAs need further refinement (Tier 3) to improve mapping to APE
  - Mapping to APE difficult
    - 568 MDEPs and 5176 APEs (active)
    - MDEP alignment inconsistent and numerous
      - MDEP RE01: Training ammo
      - APE: 13 total from blast caps to new equipment training
    - MDEP alignment too general
      - MDEP RH01: Tactical intel and exploitation
      - APE: Other additional activities
  - Additional coordination required in improve mapping
    - Need to provide greater fidelity to mapping
    - Need JCA implementation plan
    - Integrated efforts with G3/5/7, FD, G8 and QDR

Way-Ahead

- ✓ Briefed MG Thompson on current standing – 3 Feb 06
- ✓ Meeting with N7 to discuss – 7 Feb 06
  - Business rules
  - Implementation scheme beyond 6 May 2005 SecDef Memo
- • OPD to QDR office – 16 Feb 06

BACKUP

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Army Interrelated Strategies, Strategic Objectives and Capabilities

- Ends, Ways and Means Construct
- Ends – four overarching and interrelated strategies
- Ways – seventeen strategic objectives
- Means – thirty-six prioritized Army capabilities

Facer: Improve Cross PEG/Functional Analysis Resource Mapping Framework

- Army capabilities (G3)
  - Mapped more than once
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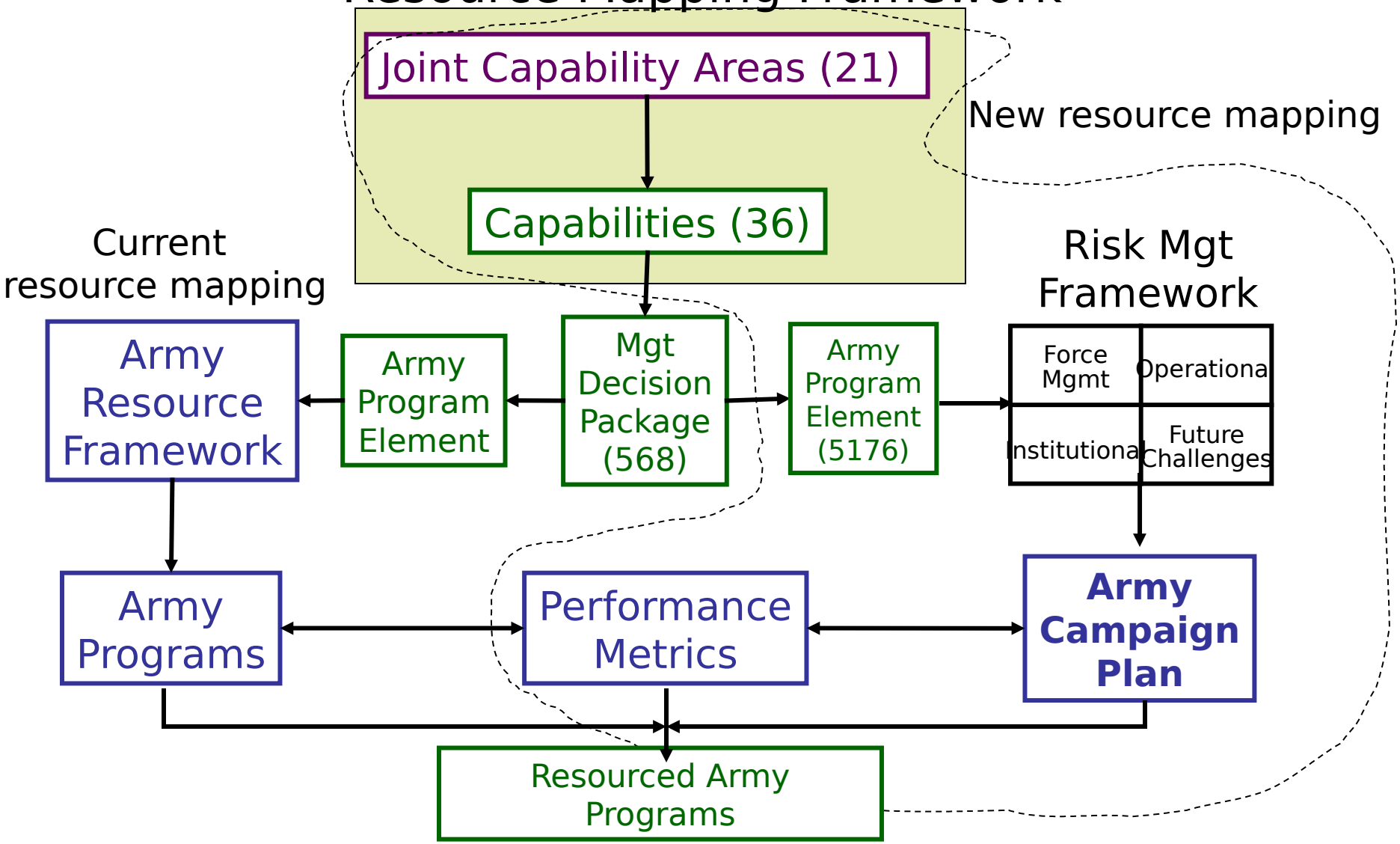
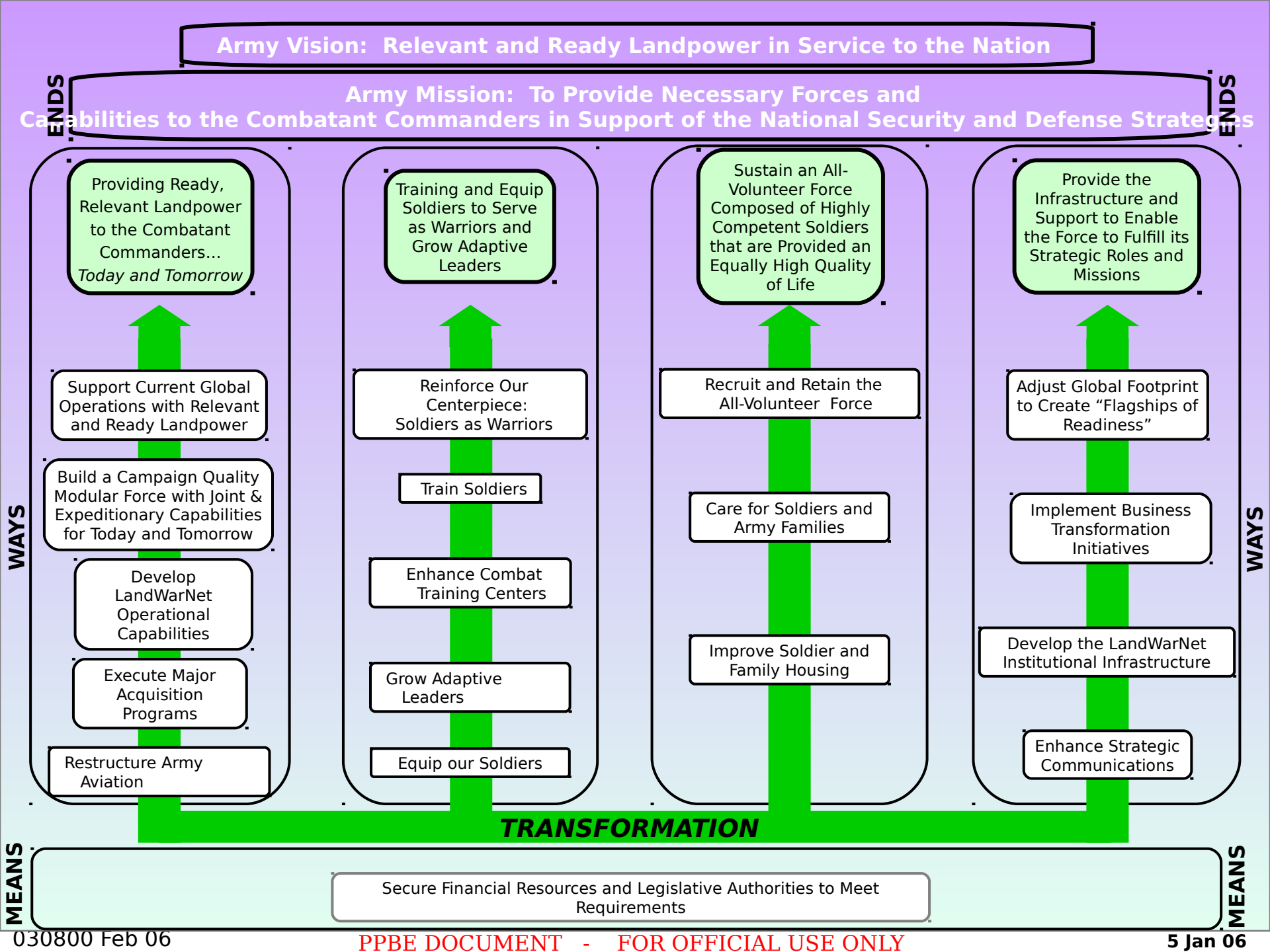
    - Provide morale, welfare, recreation, and Army community activities
    - Provide quality of life for Soldiers and their families
- Risk management framework mapping
  - Mapped by MDEP and APE if necessary
  - Operational: units and installations to support ACP
  - Institutional: statutory, department mgt
  - Force management: Human resource life cycle - recruit; train and educate; retain; and retire (TTHS, school house, etc)
  - Future Challenges: Equipment life cycle - develop, procure, sustain, and dispose (by BOS category)

Improve Cross PEG/Functional Analysis Resource Mapping Framework




Army Vision: Relevant and Ready Landpower in Service to the Nation
ENDS
Army Mission: To Provide Necessary Forces and Capabilities to the Combatant Commanders in Support of the National Security and Defense Strategies
ENDS
Providing Ready, Relevant Landpower to the Combatant Commanders... Today and Tomorrow
Training and Equip Soldiers to Serve as Warriors and Grow Adaptive Leaders
Sustain an All-Volunteer Force Composed of Highly Competent Soldiers that are Provided an Equally High Quality of Life
Provide the Infrastructure and Support to Enable the Force to Fulfill its Strategic Roles and Missions
WAYS
Support Current Global Operations with Relevant and Ready Landpower
Build a Campaign Quality Modular Force with Joint & Expeditionary Capabilities for Today and Tomorrow
Develop LandWarNet Operational Capabilities
Execute Major Acquisition Programs
Restructure Army Aviation
Reinforce Our Centerpiece: Soldiers as Warriors
Train Soldiers
Enhance Combat Training Centers
Grow Adaptive Leaders
Equip our Soldiers
Recruit and Retain the All-Volunteer Force
Care for Soldiers and Army Families
Improve Soldier and Family Housing
Adjust Global Footprint to Create "Flagships of Readiness"
Implement Business Transformation Initiatives
Develop the LandWarNet Institutional Infrastructure
Enhance Strategic Communications
WAYS
TRANSFORMATION
MEANS
Secure Financial Resources and Legislative Authorities to Meet Requirements
MEANS

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